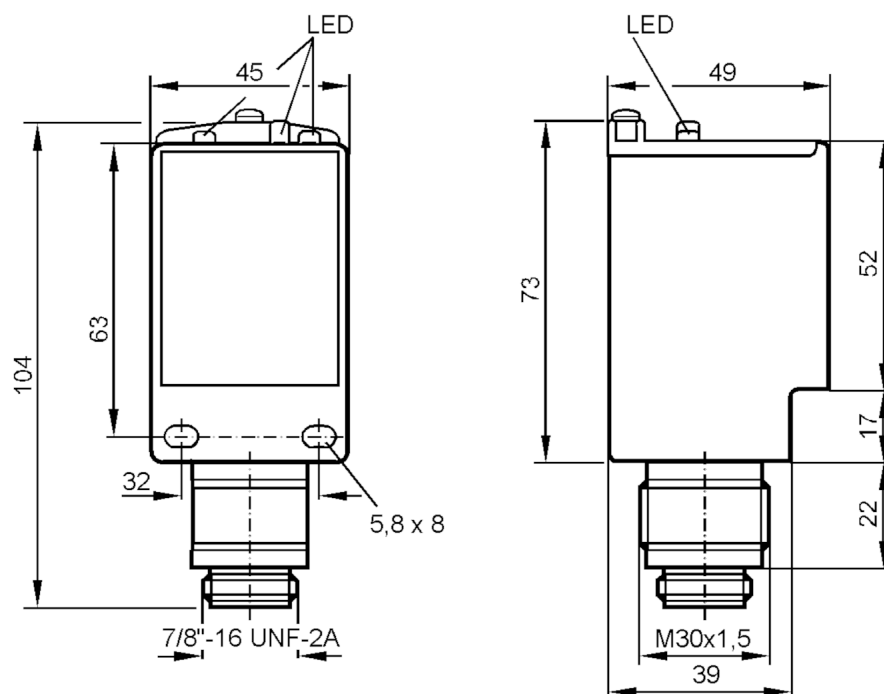




Retro-reflective sensor

OMP-FKOW/T/LS-500



receiver in lower lens
transmitter in upper lens



Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

Electrical data

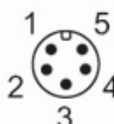
Frequency AC	[Hz]	47...63
Operating voltage	[V]	24...240 AC/DC
Max. power consumption	[VA]	6
Protection class		II
Type of light		red light
Wave length	[nm]	660
Typ. lifetime	[h]	100000
Reference temperature for service life	[°C]	25

Outputs

Electrical design		relay
Output function		light-on/dark-on mode; (programmable)
Contact rating		3A / 250 V AC
Switching frequency AC	[Hz]	10
Switching frequency DC	[Hz]	10

**Retro-reflective sensor**

OMP-FKOW/T/LS-500

Short-circuit protection	no	
Time function	[s]	0 / 1 / 5 / 10 / 14
Detection zone		
Range referred to prismatic reflector	[m]	13.5; (Prismatic reflector Ø 80 E20005)
Polarisation filter available	yes	
Response times		
Response time	[s]	< 10
Operating conditions		
Ambient temperature	[°C]	-25...40
Protection	IP 67	
Mechanical data		
Weight	[g]	198.5
Housing	rectangular	
Dimensions	[mm]	73 x 45 x 49
Materials	ABS glass fibre reinforced	
Lens material	PMMA	
Lens alignment	side lens	
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x 7/8"; coding: A; Locking: aluminium, uncoloured anodised		
		



Retro-reflective sensor

OMP-FKOW/T/LS-500

Connection

